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PETITION TO ACCEPT UNINTENTIONALLY DELAYED PAYMENT OF MAINTENANCE FEE IN AN EXPIRED PATENT (37 CFR 1.378 (c))

Docket Number (Optional)

B30-006

#31

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Mail to: Mail Stop Petition

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Patent No.	5,840,285	Application	Number <u>08/154,562</u>	
Issue Date	November 24,1998	Filing Date	November 19, 1993	
Also compl	Maintenance fee (and surcharge, if any reissue patent number, if a reissue) and reissue application) leading to issuance correct patent. 37 CFR 1.366(c) and (cete the following information, if application application of the patent.	d (2) the application numer e of that patent to ensure d).	ber of the actual U.S. application the fee(s) is/are associated with	or (or
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	resulted from the entry into the U		of international application	
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[page 1 of 3]

This collection of information is required by 37 CFR 1.378(c). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450

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Patentee claims, or has previously claimed, small entity status. See 37 CFR 1.27. 2. LOSS OF ENTITLEMENT TO SMALL ENTITY STATUS Patentee is no longer entitled to small entity status. See 37 CFR 1.27(g) 3. MAINTENANCE FEE (37 CFR 1.20(e)-(g)) The appropriate maintenance fee must be submitted with this petition, unless it was paid earlier. NOT Small Entity Amount Fee (Code) \$	2. LOSS OF EN	•	ously claimed, smal			
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US005840285A

United States Patent [19]

Fogel

[11] Patent Number:

5,840,285

[45] Date of Patent:

Nov. 24, 1998

[54]	DERMATOLOGICAL COMPOSITIONS
	USING A SERIES OF UNUSUALLY SAFE
	ESTERS AS COSMETIC EMOLLIENTS
	WITH UNIQUE AND IDEAL PHYSICAL
	PROPERTIES

[75] Inventor: Arnold W. Fogel, Upper Saddle River,

N.J.

[73] Assignee: Bernel Chemical Co., Inc, Englewood,

N.J.

[21] Appl. No.: 154,562

[22] Filed: Nov. 19, 1993

Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 806,927, Dec. 11, 1991, abandoned.

[51] Int. Cl.⁶ A61K 7/025

58] Field of Search 514/547, 785,

514/873; 424/64, 63

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Primary Examiner—Samuel Barts
Attorney, Agent, or Firm—Henry D. Coleman; R. Neil Sudol

[57] ABSTRACT

This invention introduces a series of esters to be used as emollients in cosmetic formulations. These are C_{12} – C_{15} blended alcohol esters, C_{16} , C_{18} , C_{20} and C_{20} alcohol esters of fumaric and maleic acids.

When used "neat" or in formulations they are unusually safe by standard cosmetic tests. A unique and ideal physical property of the C_{12} – C_{15} blend alcohol ester of fumaric acid is that it is a solid melting at body temperature.

These esters, with their safety and physical properties, introduce the cosmetic chemist to new ideal cosmetic emollients for use in any cosmetic formulation.

10 Claims, No Drawings